

MUD BOX – BASKET STRAINER

SERIES 160

DESCRIPTION

Basket Strainers type with flanges according to EN1092, made in cast iron, ductil iron or cast steel, straight flow or angle flow. Cylindrical screen with different filtering options. Drain plug threaded BSP.

OPERATION

Flow particle filtering by passing the fluid through the screen. Easy removal of screen for cleaning and maintenance.

DESIGN

SIZES

DN25 up to DN450

DN500 up to DN750

PRESSURES

PN4 – Others on request

PN2.5 – Others on request

STANDARD ENDS

Flanges according to EN1092 PN10 or PN16 - Others on request.

PRESSURE AND TEMPERATURE LIMITS

PN4 Cast Iron	4 bar @ 120°C
PN4 Ductile Iron	4 bar @ 120°C
PN4 Cast Steel	4 bar @ 120°C
PN2,5 Cast Iron	2,5 bar @ 120°C
PN2,5 Ductile Iron	2,5 bar @ 120°C
PN2,5 Cast Steel	2,5 bar @ 120°C

HYDROSTATIC TESTS AND ACCEPTANCE CRITERIA

According to EN12266-1

CATEGORY (according PED 97/23/CE)

DN25 up to DN750 SEP

Mark



Other sizes and ratings on request



PARTS AND MATERIALS

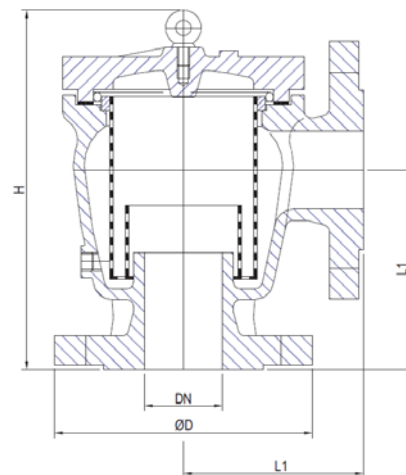
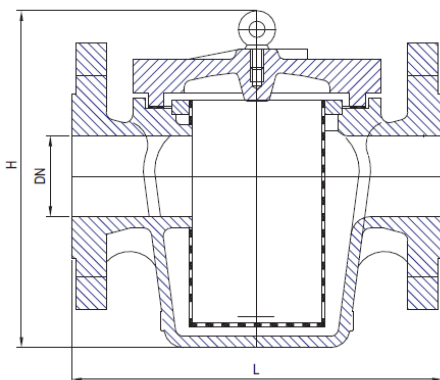
Part	Description	Materials		
		Cast Iron	Ductile Iron	Cast Steel
1	Body	GJL-250 (GG25)	GJS-400-18 (GGG40.3)	GP240GH (1.0619)
2	Cover	GJL-250 (GG25)	GJS-400-18 (GGG40.3)	GP240GH (1.0619)
3	Basket	AISI 316	AISI 316	AISI 316
4	Gasket	NBR	NBR	NBR
5	Stud bolts	Steel	Steel	Steel
6	Nuts	Steel	Steel	Steel
7	Drain plug	Brass	Brass	Brass

Other materials on request

DIMENSIONS

Size	Straight Type		
	L	H	Weight (Kg)
DN25	160	180	5
DN32	200	210	8
DN40	200	210	10
DN50	230	215	14
DN65	290	265	22
DN80	310	300	26
DN100	350	340	37
DN125	400	415	55
DN150	480	465	70
DN200	600	580	140
DN250	600	620	150
DN300	700	660	190
DN350	800	750	200
DN400	740	900	305
DN450	1000	1000	500
DN500	1100	1210	765
DN600	1100	1100	830
DN700	1250	1150	900
DN750	1350	1200	1000

Size	Angle Type		
	L1	H	Weight (Kg)
DN25	100	195	5
DN32	105	235	7
DN40	125	235	12
DN50	135	255	15
DN65	150	270	20
DN80	175	320	30
DN100	195	345	38
DN125	220	410	62
DN150	270	470	87
DN200	300	535	125
DN250	390	650	165
DN300	450	800	245
DN350	400	735	250
DN400	420+520	940	380
DN450	625	1050	530
DN500	675	1130	590
DN600	620+720	1225	850
DN700	-	-	-
DN750	-	-	-



SCREENS

Standard perforation $\varnothing 5$ mm (up to DN65 inclusive) and $\varnothing 8$ mm (from DN80 up to DN750)
 Other options: Perforated plate $\varnothing 1,5$ mm, $\varnothing 3$ mm, $\varnothing 5$ mm and $\varnothing 8$ mm or mesh 0,5mm, 0,3mm.